LDPE APAK 35504 MD

LDPE is defined in the density range of 0.910-0.940 g/ ^{cm3} . It is inert at room temperature except for high oxidation factors. It can withstand temperatures of 80 °C continuously and a short time at 95 °C. It is formed in completely flexible translucent or opaque variations and is almost too strong to break.

LDPE APAK 35504 MD is a UV stabilized linear medium density polyethylene parade with a narrow molecular weight distribution. lt is suitable for rotational molding and some injection molding applications such as technical parts and closures. Characteristics include pod impact strength, excellent external internal surface finish, and is UV stabilized.

Melt Index (190 °C / Z.16Kg)	g/10 min	4	D1238
Density	9/°m3	0.935	D1505

Thermal properties @

Vicat Softening Point		112	D1525
Mechanical Properties @			
Flexural modulus	MPa	640	D790
Tensile Strength at Yield	MPa	17.5	D638
Tensile Strength at Break	MPa	12	D638
Hardness	Shore D	60	D2240
Notched Izod Impact @ 23 °C	J/m	100	D256/A
Oncompression molded according to ASTM D1928C			